

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	§	Confirmation No.:	3287
Dingding Chen	§		
Syed Hamid	§	Group Art Unit:	2661
Harry D. Smith, Jr.	§		
	§		
Serial No.: 10/811,403	§	Examiner:	Mai T. Tran
	§		
Filed: March 26, 2004	§	Atty. Dkt. No:	1391-49300
	§		
For: Genetic Algorithm Based Selection	§		
of Neural Network Ensemble for	§		
Processing Well Logging Data	§		

**RESPONSE TO OFFICE ACTION OF OCTOBER 20, 2006**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

February 15, 2007

Dear Sir:

This paper is submitted in response to the above-named office action to further highlight why the application is in condition for allowance.

**Claim Amendments** begin on p. 2; and

**Remarks** begin on p. 7.